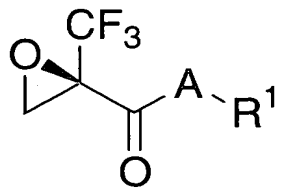
ABSTRACT OF THE DISCLOSURE

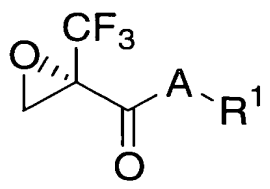
An optically active fluorine-containing compound represented by the following formula (1):



(1)

wherein A is an oxygen atom, a sulfur atom or an NH group, and R^1 is a methyl group, an ethyl group, a C_{3-10} linear, branched or cyclic alkyl group, a C_{6-20} aromatic group, a C_{6-20} aromatic group having hydrogen on the aromatic ring optionally substituted by a halogen atom, a C_{6-20} aromatic group having hydrogen on the aromatic ring optionally substituted by a methyl group, a C_{6-20} aromatic group having hydrogen on the aromatic ring optionally substituted by an ethyl group, a C_{6-20} aromatic group having hydrogen on the aromatic ring optionally substituted by a C_{3-6} linear, branched or cyclic alkyl group, a C_{6-20} aromatic group having hydrogen on the aromatic ring optionally substituted by a methoxy group, a C_{6-20} aromatic group having hydrogen on the aromatic ring optionally substituted by an ethoxy group, a C_{6-20} aromatic group having hydrogen on the aromatic ring optionally substituted by a C_{3-6} linear, branched or cyclic alkyloxy group, a C_{5-19} heteroaromatic group, a C_{5-19} heteroaromatic group having hydrogen on the aromatic ring optionally substituted by a halogen atom, a C_{5-19}

heteroaromatic group having hydrogen on the aromatic ring optionally substituted by a methyl group, a C_{5-19} heteroaromatic group having hydrogen on the aromatic ring optionally substituted by an ethyl group, a C_{5-19} heteroaromatic group having hydrogen on the aromatic ring optionally substituted by a C_{3-6} linear, branched or cyclic alkyl group, a C_{5-19} heteroaromatic group having hydrogen on the aromatic ring optionally substituted by a methoxy group, a C_{5-19} heteroaromatic group having hydrogen on the aromatic ring optionally substituted by an ethoxy group, a C_{5-19} heteroaromatic group having hydrogen on the aromatic ring optionally substituted by a C_{3-6} linear, branched or cyclic alkyloxy group, a benzyl group, a benzyl group having hydrogen on the aromatic ring optionally substituted by a halogen atom, a benzyl group having hydrogen on the aromatic ring optionally substituted by a methyl group, a benzyl group having hydrogen on the aromatic ring optionally substituted by an ethyl group, a benzyl group having hydrogen on the aromatic ring optionally substituted by a C_{3-6} linear, branched or cyclic alkyl group, a 2-phenylethyl group, or a C_{3-10} linear, branched or cyclic alkyl group having a C_{6-20} aromatic group bonded thereto, or by the following formula (2):



(2)

wherein A and R^1 are as defined above.